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U.S.P.T.O.**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	2313-117
First Inventor	Wei-Sing CHU
Title	ULTRASOUND-MEDIATED HIGH-SPEED BIOLOGICAL REACTION & TISSUE PROCESSING

 **Assignee Information:** American Registry of Pathology, Washington, D.C.

APPLICATION ELEMENTS		ADDRESS TO:
See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner of Patents Box Patent Application Washington, D.C. 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program	
2. <input checked="" type="checkbox"/> Applicant claims small entity status.	8. Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Form (CRF)	
3. <input checked="" type="checkbox"/> Specification Total pages [47] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross references to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings - Detailed Description - Claims - Abstract of the Disclosure	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Sheets) [16]	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [3] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) <b>[Note Box 5 below]</b> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application,	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney	
6. <input checked="" type="checkbox"/> Application Data Sheet.	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure Statement /PTO 1449 <input type="checkbox"/> Copies of IDS Citations	
	13. <input checked="" type="checkbox"/> Preliminary Amendment	
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
	15. <input type="checkbox"/> Certified Copy of Priority Document(s).	
	16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).	
	17. <input checked="" type="checkbox"/> Other: Petition to Accept Color Photographs Under 37 C.F.R. § 1.84(a)(2)	

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in an application Data Sheet under 37 CFR 1.76::

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 09/407,964

Prior application information: Examiner C. Chin Group/Art Unit 1641

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>6449</b>					
<b>Address</b>	Rothwell, Figg, Ernst & Manbeck Suite 701-East, 555 13th Street, N.W.				
<b>City</b>	Washington	<b>State</b>	D.C.	<b>Zip Code</b>	20004
<b>Country</b>	U.S.A.	<b>Telephone</b>	202-783-6040	<b>Fax</b>	202-783-6031
<b>Name</b>	Stephen A. Saxe, Ph.D., Reg. No. 38,609				
<b>Signature</b>	<i>Stephen A. Saxe</i>			<b>Date</b>	<i>July 10, 2001</i>

FBI WASH DC 20535

<b>FEE TRANSMITTAL</b> <b>for FY 2001</b> <b>(Small Entity)</b>		<i>Complete if Known</i>	
		Application Number	New Application
		Filing Date	Herewith
		First Named Inventor	Wei-Sing CHU
		Examiner Name	To Be Assigned
		Group Art Unit	To Be Assigned
Total Amount of Payment	(\$485.00)	Attorney Docket Number	2313-117

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status.
2.  Payment Enclosed:  
 Check  
 Credit Card

**FEE CALCULATION** (continued)

**3. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
205	65	Surcharge - late filing fee or oath	[ ]
227	25	Surcharge - late provisional filing fee or cover sheet	[ ]
139	130	Non-English specification	[ ]
147	2,520	For filing a request for reexamination	[ ]
112	920	Requesting publication of SIR prior to Examiner action	[ ]
113	1,840*	Requesting publication of SIR after Examiner action	[ ]
215	55	Extension for reply within first month	[ ]
216	195	Extension for reply within second month	[ ]
217	445	Extension for reply within third month	[ ]
218	695	Extension for reply within fourth month	[ ]
228	945	Extension for reply within fifth month	[ ]
219	155	Notice of Appeal	[ ]
220	155	Filing a brief in support of an appeal	[ ]
221	135	Request for Oral Hearing	[ ]
138	1,510	Petition to institute a public use proceeding	[ ]
		Petition to revive -unavoidable	[ ]
240	55	Petition to revive - unintentional	[ ]
241	640	Utility issue fee (or reissue)	[ ]
242	620	Design issue fee	[ ]
243	220	Plant issue fee	[ ]
244	300	Petitions to the Commissioner	\$130.
122	130	Processing fee under 37 CFR 1.17(q)	[ ]
123	50	Submission of Information Disclosure Statement	[ ]
126	180	Recording each patent assignment per property (times number of properties)	[ ]
581	40	Filing a submission after final rejection (37 CFR 1.129(a))	[ ]
		For each additional invention to be examined (37 CFR 1.129(b))	[ ]
246	355	Request for Continued Examination (RCE)	[ ]
249	355	Request for expedited examination of a design application	[ ]
279	355	Publication fee for early, voluntary, or normal publication	[ ]
169	900	Publication fee for republication	[ ]
195	300	Filing an application for patent term adjustment	[ ]
196	300	Request for reinstatement of term reduced	[ ]
089	200	Other fee (specify)	[ ]
090	400		

**FEE CALCULATION**
**1. FILING FEE**

Fee Code	Fee \$	Fee Description	Fee Paid
201	355	Utility filing fee	[\$355.]
206	160	Design Filing Fee	[ ]
207	245	Plant Filing Fee	[ ]
208	355	Reissue Filing Fee	[ ]
214	75	Provisional Filing Fee	[ ]
		<b>SUBTOTAL</b>	<b>\$355.00</b>

**2. CLAIMS**

Total Claims	Independent Claims	Extra Claims	Fee \$	Fee Paid
[ 4 ]	- 20** = [ 0 ]	x	\$ 9 = [ ]	
Claims	[ 1 ]	- 3** = [ 0 ]	x	40 = [ ]
Multiple Dependent Claims			+	135 = [ ]
<b>SUBTOTAL</b>			<b>\$0.00</b>	

\*\*or number previously paid, if greater;

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL**

\$130.00

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Stephen A. Saxe, Ph.D., Reg. No. 38,609		
SIGNATURE	Stephen A. Saxe	DATE	July 10, 2001
		DEPOSIT ACCOUNT USER ID	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Wei-Sing CHU )  
Serial No.: New--Div. of 09/407,964 ) Examiner: To Be Assigned  
Filed: Herewith ) Group Art Unit: To Be Assigned  
For: ULTRASOUND-MEDIATED )  
HIGH-SPEED BIOLOGICAL )  
REACTION AND TISSUE )  
PROCESSING )

**PETITION TO ACCEPT COLOR PHOTOGRAPHS**  
**UNDER 37 C.F.R. § 1.84(a)(2)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants submit three (3) copies of the color photographs (submitted concurrently with all of the formal drawings) which comprise Figures 10A-B, 11A-B and 12A-B of the drawings, in compliance with the provisions of 37 C.F.R. § 1.84(a)(2). Also included is the requisite petition fee set forth in 37 C.F.R. § 1.17(h). In view of the interim waiver that black and white photocopies of the color drawings are no longer necessary, no black and white photocopies of the color photographs are being submitted. It is believed that color drawings are necessary to accurately and completely show the immunological staining and hybridization results of fixed tissue sections of the present invention.

2 Serial No.: New--Div. of 09/407,964

If any additional fees or overpayments are noted, the same should be charged or credited to Deposit Account No. 02-2135. One additional copy of this Petition is enclosed for that purpose.

Respectfully submitted,

Stephen A. Saxe

Stephen A. Saxe  
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